



## Line Leak Detection Interstitial Monitoring Test Reporting Requirements for the Veeder-Root ATG

(all models except the TLS-4 and TLS-450)

### BUREAU OF WEIGHTS & MEASURES

PO Box 8911

Madison, WI 53708

608-224-4942

datcpweightsandmeasures

@wisconsin.gov

www.datcp.wi.gov

### RESOURCES

More information on  
applicable Wisconsin laws  
can be found at these links:

#### Wis. Admin. Code § ATCP 93.510

[https://docs.legis.wisconsin.gov/code/admin\\_code/atcp/090/93/V/510](https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93/V/510)

#### Wis. Admin Code § ATCP 93.515

[https://docs.legis.wisconsin.gov/code/admin\\_code/atcp/090/93/V/515](https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93/V/515)

#### Materials Approval Page

[https://datcp.wi.gov/Pages/Programs\\_Services/MaterialApprovalsLeakDetection.aspx](https://datcp.wi.gov/Pages/Programs_Services/MaterialApprovalsLeakDetection.aspx)

#### Veeder-Root

<http://www.veeder.com/us/>

#### Approval #20130002

<https://datcp.wi.gov/Documents/TCP-WM-MA-20130002.pdf>

### When to submit your test results

- When renewing your annual Permit-to-Operate the owner/operator must supply the department with passing test reports of the 3 most current consecutive months of testing, and each test must be 28-32 days apart. For example, if your first test was June 1, the second test must be July 1, and the third test must be on August 1.
- When an inspection is conducted by the State of Wisconsin, at least 12 months of test reports must be available for review by a state inspector.
- Below is an example of the line leak detection interstitial monitoring printout for the Veeder-Root ATG (all models except the TLS-4 and TLS-450) systems. You are required to submit the test report when renewing your annual permit to operate.

OCT 26, 2016 10:44 AM

LIQUID STATUS

OCT 26, 2016 10:44 AM

L 1 :REG UNLD STP SUMP  
SENSOR NORMAL

L 2 :REG UNL INTERSTITIAL  
SENSOR NORMAL

L 3 :DIESEL EAST STP SUMP  
SENSOR NORMAL

L 4 :DIESEL WEST STP SUMP  
SENSOR NORMAL

L 5 :DIESEL INTERSTITIAL  
SENSOR NORMAL

L 6 :REG UNLD DISPENSER  
SENSOR NORMAL

L 7 :EAST DIESEL DISPENSER  
SENSOR NORMAL

L 8 :WEST DIESEL DISPENSER  
SENSOR NORMAL

\* \* \* \* \*

If you have questions about how your Veeder-Root ATG system works please contact your service company or [Veeder-Root](#) directly. You can also find further information about your specific leak detection equipment on the materials approval page of our [website](#). The Veeder-Root material approval number is [20130002](#).

(over)

## Leak detection FAQs:

- *What is leak detection?*  
“Leak Detection” means determining whether a discharge of regulated substance has occurred from a storage tank system into the environment or into the space between the tank and its secondary barrier or containment.
- *What is “ATG”?*  
“Automatic Tank Gauging” (ATG) or “Automatic Leak Detection” means a leak detection or monitoring system that will provide continuous 24-hour monitoring for the detection of a release or leak of vapor or product and will immediately communicate the detection of the release or leak to an electronic signaling device.
- *What is Interstitial Monitoring*  
[Wisconsin Administrative Code §§ ATCP 93.510](#) and [93.515](#) require all new and existing underground tank piping systems which store regulated substances to be provided with a method of leak detection. One of the acceptable methods of leak detection is interstitial monitoring.

Interstitial monitoring is a leak detection method that entails the surveillance of the space between the piping systems wall and the secondary containment system, for a change in steady-state conditions.

Rev. 11/17/16